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PHOTOGRAPHIC INTERPRETATION REPORT



[REDACTED]
MARCH SUMMARY REPORT

SELECTED TARGETS
NORTH VIETNAM AND LAOS

NPIC/R-104/66

MAY 1966

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PREFACE

This report provides a summary of photographic interpretation of selected COMOR targets and other targets in North Vietnam and Laos considered significant by the National Photographic Interpretation Center (NPIC).

Each installation report includes target name, geographic coordinates, WAC number, BE number (as appropriate), and NPIC number followed by the locator line, COMOR target number (as appropriate), and summary description suitable for the most recent mission included.

The date, mission number, photo reference data, and limiting conditions are given for each mission with OB information (as appropriate) listed directly above.

Only AAA defenses considered to be integral components of an installation are reported. They are divided

into three basic categories: light (ZPU-1, ZPU-2, ZPU-4, 37mm), medium (57mm, 85mm), and heavy (100mm and larger). The term HMGAA (heavy machine gun anti-aircraft) indicates a weapon smaller than a ZPU-1. When a category cannot be determined, the site is listed as an AAA site and the number of guns indicated (Ex.: 6-gun AAA site, occupied/unoccupied).

Targets are arranged 1) by country, 2) within the country by subject, 3) within the subject by WAC number, and 4) within the WAC number by geographic coordinates in ascending order.

An appendix explaining column headings, photo reference data, COMOR target numbers, and abbreviations for limiting conditions concludes the report.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-LAOS-</p> <p>AIR INSTALLATIONS</p> <p>SAM NEUA AIRFIELD</p> <p>2 NM EAST OF SAM NEUA.</p> <p>3,600 X 100 FT E/W SOD RUNWAY.</p> <p>SERVICEABLE.</p> <p>OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>	2025N 10404E	0616	25X1A [REDACTED]	136-A
<p>MILITARY INSTALLATIONS</p> <p>SAM NEUA MILITARY AREAS</p> <p>FOUR MILITARY AREAS REFERENCED FROM SAM NEUA.</p> <p>AREA A (SOUTH EDGE AT UTM [REDACTED] 25X1A</p> <p>SAM NEUA ARMY BARRACKS SOUTH, BE NO [REDACTED]</p> <p>[REDACTED] -- 17 BARRACKS/SUPPORT (8 WITH ROOF DAMAGE) AND 1 LARGE ADMINISTRATION BUILDING.</p> <p>AREA B (0.3 NM WEST AT UTM [REDACTED] --</p> <p>4 LARGE STORAGE BUILDINGS. TRENCHING AND ROW CROPS ARE IN THE IMMEDIATE AREA.</p> <p>AREA C (0.2 NM EAST ON NORTH SIDE OF ROUTE 6 AT UTM [REDACTED] -- 1 LARGE BARRACKS, 1 MESSHALL, AND 3 SUPPORT BUILDINGS.</p> <p>AREA D (WEST EDGE AT UTM [REDACTED]) --</p> <p>3 T-SHAPED PROBABLE BARRACKS, 1 LARGE U-SHAPED ADMINISTRATION, AND 8 SUPPORT</p>	2025N 10403E	0616		136-C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
BUILDINGS ON WEST SIDE OF ROAD. [REDACTED]				
-NORTH VIETNAM-				
MISSILES				
THANH HOA SAM SITE B02-2 19.5 NM NNE OF THANH HOA AT UTM [REDACTED] COMOR [REDACTED] SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 1 PROBABLE MISSILE-HOLD POSITION. OB -- NONE OBSERVED.	2006N 10550E	0616	25X1A [REDACTED]	518-A
THANH HOA SAM SITE C02A-2 22.2 NM NNE OF THANH HOA AT 20-10-[REDACTED]N 105-53-[REDACTED]E. COMOR [REDACTED] SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 3 PROBABLE MISSILE-HOLD POSITIONS. OB -- NONE OBSERVED.	2010N 10553E	0616	25X1A [REDACTED]	231-G
HOA BINH SAM SITE B20-2 14.1 NM SSW OF HOA BINH AT 20-35-[REDACTED]N	2035N 10517E	0616	25X1A [REDACTED]	115-F

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1D</p> <p>105-17-[REDACTED]E. COMOR [REDACTED] SITE CONTAINS 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED. [REDACTED] 25X1D</p> <p>HOA BINH SAM SITE B22-2 25X1D 13.4 NM SSW OF HOA BINH AT 20-38-[REDACTED]N 105-13-[REDACTED]E (UTM [REDACTED]). COMOR [REDACTED] SITE CONSISTS OF 3 UNRETTED LAUNCH POSITIONS AND A CAMOUFLAGED CENTRAL GUIDANCE AREA. OB -- 3 LAUNCHERS WITH MISSILES, A FAN SONG RADAR, AND 2 PROBABLE MISSILE TRANSPORTERS ON THE SERVICE ROADS. [REDACTED] 25X1D</p> <p>OB -- NONE OBSERVED. [REDACTED]</p> <p>HOA BINH SAM SITE A19-2 25X1D 9.1 NM SOUTH OF HOA BINH AT 20-40-[REDACTED]N 105-19-[REDACTED]E. COMOR [REDACTED] SITE CONTAINS 6 PARTIALLY REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, 3 MISSILE-HOLD POSITIONS, AND 4 ASSOCIATED EQUIPMENT REVETMENTS. OB -- NONE OBSERVED. [REDACTED] 25X1D</p>	<p>2038N 10513E</p> <p>2040N 10519E</p>	<p>0616</p> <p>0616</p>	<p>25X1A [REDACTED]</p> <p>25X1A [REDACTED]</p>	<p>283-C</p> <p>115-E</p>

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D [REDACTED]				
25X1A HANOI SAM SITE B17-2 25X1D 15 NM SSE OF HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONSISTS OF 6 LAUNCH POSITIONS, A RENETTED CENTRAL GUIDANCE AREA, AND 3 RENETTED MISSILE-HOLD POSITIONS. OB -- NONE OBSERVED. [REDACTED]	2047N 10554E	0616	25X1A [REDACTED]	114-G
25X1D [REDACTED]				
25X1A HANOI SAM SITE B21-2 25X1D 11 NM SW OF HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONSISTS OF 6 RENETTED LAUNCH POSITIONS, A RENETTED CENTRAL GUIDANCE AREA, AND 3 RENETTED MISSILE-HOLD POSITIONS. OB -- NONE OBSERVED. [REDACTED]	2051N 10545E	0616	25X1A [REDACTED]	114-H
25X1D [REDACTED]				
25X1A HANOI SAM SITE A17A-2 25X1D 9.4 NM SSE OF HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONSISTS OF 6 LAUNCH POSITIONS, A CENTRAL GUIDANCE AREA, AND 3 MISSILE-HOLD POSITIONS. OB -- 6 OCCUPIED LAUNCH POSITIONS, AN OCCUPIED CENTRAL GUIDANCE AREA, AND 1 OCCUPIED MISSILE-HOLD POSITION. [REDACTED]	2052N 10554E	0616	25X1A [REDACTED]	266-G
25X1D [REDACTED]				
25X1A HANOI SAM SITE B25-2 25X1D 14.5 NM SW OF HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONSISTS OF 6 PARTIALLY RENETTED LAUNCH POSITIONS, A PARTIALLY RENETTED	2054N 10536E	0616	25X1A [REDACTED]	266-E

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25X1D

CENTRAL GUIDANCE AREA, 1 MISSILE-HOLD
POSITION, AND 2 PROBABLE MISSILE-HOLD
POSITIONS.
OB -- NONE OBSERVED.

25X1A

HANOI SAM SITE A19-2

25X1D

6.6 NM SOUTH OF HANOI AT UTM
COMOR

SITE CONSISTS OF 6 REVETTED LAUNCH
POSITIONS AND A POSSIBLY REVETTED CENTRAL
GUIDANCE AREA.

OB -- NONE OBSERVED.

25X1D

25X1A

HANOI SAM SITE A24-2

25X1D

8 NM SW OF HANOI AT UTM
COMOR

SITE CONSISTS OF 6 REVETTED LAUNCH
POSITIONS, A REVETTED CENTRAL GUIDANCE AREA,
AND 3 MISSILE-HOLD POSITIONS.

OB -- NONE OBSERVED.

25X1D

25X1D

HAIPHONG SAM SITE B29-2

17.8 NM WNW OF HAIPHONG AT UTM

COMOR

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS
AND A REVETTED CENTRAL GUIDANCE AREA IN A
LINK CONFIGURATION.

OB -- NONE OBSERVED.

25X1D

HANOI SAM SITE B12-2

25X1D

13 NM ESE OF HANOI AT UTM

2055N 10550E

0616

25X1A

266-F

2056N 10543E

0616

25X1A

256-F

2055N 10622E

0616

25X1A

310-D

2056N 10604E

0616

25X1A

312-A

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<p>25X1A</p> <p>COMOR [REDACTED]</p> <p>SITE CONSISTS OF 6 LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 3 REVETTED MISSILE-HOLD POSITIONS IN A LINK CONFIGURATION.</p> <p>OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>				
<p>25X1D</p> <p>HAIPHONG SAM SITE B30-2 25X1D</p> <p>20.3 NM WNW OF HAIPHONG AT UTM [REDACTED]</p> <p>COMOR [REDACTED]</p> <p>SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA IN STAR CONFIGURATION.</p> <p>OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>	2059N 10621E	0616	25X1A [REDACTED]	310-F
<p>25X1A</p> <p>COMOR [REDACTED]</p> <p>SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA IN STAR CONFIGURATION.</p> <p>OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>				
<p>25X1D</p> <p>HANOI SAM SITE A11-2</p> <p>2.1 NM SE OF SE END OF NW/SE RUNWAY AT HANOI/GIA LAM AIRFIELD AND 4.8 NM ESE OF HANOI RR YARDS AT UTM [REDACTED]</p> <p>COMOR [REDACTED]</p> <p>APPARENTLY COMPLETED SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 3 MISSILE-HOLD POSITIONS IN A STAR CONFIGURATION.</p> <p>OB -- 5 OCCUPIED LAUNCH POSITIONS, AN OCCUPIED CENTRAL GUIDANCE AREA, AND 2 OCCUPIED MISSILE-HOLD POSITIONS.</p> <p>[REDACTED]</p> <p>OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>	2100N 10555E	0616	25X1A [REDACTED]	114-I
<p>25X1D</p> <p>COMOR [REDACTED]</p> <p>APPARENTLY COMPLETED SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 3 MISSILE-HOLD POSITIONS IN A STAR CONFIGURATION.</p> <p>OB -- 5 OCCUPIED LAUNCH POSITIONS, AN OCCUPIED CENTRAL GUIDANCE AREA, AND 2 OCCUPIED MISSILE-HOLD POSITIONS.</p> <p>[REDACTED]</p> <p>OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>				
<p>25X1D</p> <p>HANOI SAM SITE A10-2 25X1D</p> <p>8 NM EAST OF HANOI AT UTM [REDACTED]</p>	2101N 10558E	0616	25X1A [REDACTED]	114-K

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<p>25X1A</p> <p>COMOR [REDACTED]</p> <p>SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A PARTIALLY REVETTED CENTRAL GUIDANCE POSITION IN PROBABLE STAR CONFIGURATION.</p> <p>OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>				
<p>25X1D</p> <p>25X1D</p> <p>[REDACTED]</p> <p>25X1D</p> <p>HANOI SAM SITE B29-2</p> <p>11.4 NM WNW OF HANOI AT UTM [REDACTED]</p> <p>COMOR [REDACTED]</p> <p>SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, AN UNRETTED CENTRAL GUIDANCE AREA, AND 3 REVETTED MISSILE-HOLD POSITIONS.</p> <p>OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>	2104N 10539E	0616	25X1A [REDACTED]	462-K
<p>25X1A</p> <p>25X1D</p> <p>25X1D</p> <p>25X1D</p> <p>HANOI SAM SITE A29-2</p> <p>10 NM WNW OF HANOI AT UTM [REDACTED]</p> <p>COMOR [REDACTED]</p> <p>SITE CONTAINS 6 LAUNCH REVETMENTS, A REVETTED CENTRAL GUIDANCE AREA, 3 MISSILE-HOLD POSITIONS, AND A ROAD TO A PROBABLE ACQUISITION REVETMENT. SITE IS OF A LINK CONFIGURATION.</p> <p>OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>	2104N 10541E	0616	25X1A [REDACTED]	462-J
<p>25X1A</p> <p>25X1D</p> <p>25X1D</p> <p>HANOI SAM SITE C28-2</p> <p>20.5 NM WNW OF HANOI AT UTM [REDACTED]</p> <p>COMOR [REDACTED]</p> <p>SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA,</p>	2105N 10529E	0616	25X1A [REDACTED]	114-J

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25X1D	2 REVETTED MISSILE-HOLD POSITIONS, AND 1 PROBABLE MISSILE-HOLD POSITION. OB -- NONE OBSERVED. [REDACTED]				
25X1A	HANOI SAM SITE B30-2 25X1D 12 NM WNW OF HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, A CENTRAL GUIDANCE AREA, AND 2 MISSILE-HOLD POSITIONS IN A STAR CONFIGURATION. OB -- 6 LAUNCH POSITIONS WITH MISSILES, A FAN SONG RADAR, AND 3 MISSILE TRANSPORTERS. [REDACTED]	2106N 10539E	0616	25X1A [REDACTED]	462-L
25X1A	HANOI SAM SITE B30A-2 25X1D 16.5 NM NW OF HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED. [REDACTED]	2108N 10535E	0616	25X1A [REDACTED]	248-B
25X1D	HANOI SAM SITE C29-2 28 NM WNW OF HANOI AND 0.8 NM NW OF CAM DAI ARMY BARRACKS AT UTM [REDACTED] COMOR [REDACTED] SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED. [REDACTED]	2110N 10522E	0616	25X1A [REDACTED]	200-B

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				BE	NPIC
25X1D	PARTIALLY REVETTED MISSILE-HOLD POSITIONS. OB -- NONE OBSERVED. [REDACTED]				
25X1D	HANOI SAM SITE C30D-2 25X1D 22.4 NM NW OF HANOI AT UTM [REDACTED] N 105-30-[REDACTED] E. COMOR [REDACTED] SITE CONTAINS 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED.	2112N 10530E	0616	25X1A [REDACTED]	262-B
25X1D	[REDACTED]				
25X1A	HANOI SAM SITE C30-2 25X1D 30 NM WNW OF HANOI AT UTM [REDACTED] JUST SOUTH OF PHU NHIEU BARRACKS AND STORAGE. COMOR [REDACTED] SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. CABLE TRENCHES EXTEND OUTWARD FROM THE CENTRAL GUIDANCE AREA TO EACH LAUNCH POSITION. OB -- NONE OBSERVED.	2113N 10521E	0616	25X1A [REDACTED]	200-C
25X1D	[REDACTED]				
25X1A	HANOI SAM SITE C30C-2 25X1D 29 NM WNW OF HANOI AT UTM [REDACTED] COMOR [REDACTED]	2114N 10523E	0616	25X1A [REDACTED]	200-E

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			BE	NPIC
25X1D 25X1D SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED. [REDACTED]				
25X1A 25X1D HANOI SAM SITE D31-2 33.5 NM NW OF HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, A CENTRAL GUIDANCE AREA, AND 3 PARTIALLY REVETTED MISSILE-HOLD POSITIONS IN IRREGULAR CONFIGURATION. OB -- NONE OBSERVED. [REDACTED]	2121N 10522E	0616	25X1A [REDACTED]	378-A
25X1A 25X1D HANOI SAM SITE C02-2 21.9 NM NNE AT HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONSISTS OF 5 REVETTED LAUNCH POSITIONS, GROUND SCARRING FOR POSSIBLE 6TH LAUNCH POSITION, AND A PARTIALLY REVETTED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED. [REDACTED]	2122N 10558E	0616	25X1A [REDACTED]	204-B
25X1A 25X1D HANOI SAM SITE D31B-2 36.6 NM NW OF HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND	2123N 10520E	0616	25X1A [REDACTED]	378-C

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				BE	NPIC
25X1D	3 REVETTED MISSILE-HOLD POSITIONS. OB -- NONE OBSERVED. [REDACTED]				
25X1A	HANOI SAM SITE D31A-2 25X1D 38.7 NM NW OF HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONTAINS 5 REVETTED LAUNCH POSITIONS AND AN UNRETTED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED.	2124N 10517E	0616	25X1A [REDACTED]	378-B
25X1D	[REDACTED]				
25X1A	HANOI SAM SITE C01-2 25X1D 24.5 NM NORTH OF HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA IN FAN CONFIGURATION. OB -- NONE OBSERVED.	2125N 10551E	0616	25X1A [REDACTED]	414-A
25X1D	[REDACTED]				
25X1A	HANOI SAM SITE C01A-2 25X1D 27.9 NM NORTH OF HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. OB -- 6 OCCUPIED LAUNCH POSITIONS AND AN OCCUPIED CENTRAL GUIDANCE AREA.	2129N 10554E	0616	25X1A [REDACTED]	415-A
25X1D	[REDACTED]				

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<p>25X1A HANOI SAM SITE D36-2 25X1D 30.6 NM NORTH OF HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONSISTS OF 5 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. 25X1D OB -- NONE OBSERVED. [REDACTED]</p>	2132N 10547E	0616	25X1A [REDACTED]	242-K
<p>25X1D HANOI SAM SITE D35-2 25X1D 38.7 NM NNW OF HANOI AT 21-38-[REDACTED] 105-37-[REDACTED] E. COMOR [REDACTED] SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND REVETTED CENTRAL GUIDANCE AREA. ACQUISITION RADAR POSITION IS APPROXIMATELY 750 FT EAST OF SITE. 25X1D OB -- NONE OBSERVED. [REDACTED]</p>	2138N 10537E	0616	25X1A [REDACTED]	242-M
<p>25X1D BAC CAN SAM SITE C20-2 25X1D 25.2 NM SSW OF BAC CAN AT 21-44-[REDACTED] 105-42-[REDACTED] E. COMOR [REDACTED] SITE CONTAINS 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. A REVETTED ACQUISITION RADAR POSITION IS 600 FT NORTH OF SITE. 25X1D OB -- NONE OBSERVED. [REDACTED]</p>	2144N 10542E	0616	25X1A [REDACTED]	259-C
<p>BAC CAN SAM SITE C22-2 21.6 NM SW OF BAC CAN AND 51.4 NM NNW OF HANOI AT 21-51-[REDACTED] N 105-36-[REDACTED] E. 25X1D 25X1D</p>	2151N 10536E	0616	25X1A [REDACTED]	259-A

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<p>25X1A</p> <p>COMOR [REDACTED]</p> <p>SITE CONSISTS OF 5 REVETTED LAUNCH POSITIONS IN IRREGULAR CONFIGURATION AND A REVETTED CENTRAL GUIDANCE AREA.</p> <p>OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>				
25X1D			25X1A	
<p>BAC CAN SAM SITE B20-2 25X1D</p> <p>17.9 NM SW OF BAC CAN AT 21-51-[REDACTED]N</p> <p>105-44-[REDACTED]E.</p>	2151N 10544E	0616	[REDACTED]	259-B
25X1D				
25X1A				
<p>COMOR [REDACTED]</p> <p>SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA.</p> <p>OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>				
25X1D			25X1A	
<p>HAIPHONG SAM SITE C30-2 25X1D</p> <p>22.5 NM NW OF HAIPHONG AT 21-01-[REDACTED]N</p> <p>106-19-[REDACTED]E.</p>	2101N 10619E	0616	[REDACTED]	370-B
25X1D				
25X1A				
<p>COMOR [REDACTED]</p> <p>SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA.</p> <p>OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>				
25X1D			25X1A	
<p>HAIPHONG SAM SITE C32A-2 25X1D</p> <p>22.6 NM NW OF HAIPHONG AT UTM [REDACTED]</p> <p>COMOR [REDACTED]</p> <p>SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA.</p> <p>OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>	2106N 10622E	0616	[REDACTED]	302-B
25X1A				
25X1D				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1A HAIPHONG SAM SITE C32-2 25X1D 22.4 NM NW OF HAIPHONG AT UTM [REDACTED] COMOR [REDACTED] SITE CONSISTS OF 5 REVETTED AND 1 UNREVETTED LAUNCH POSITION AND A PARTIALLY REVETTED, PARTIALLY CANVAS-COVERED CENTRAL GUIDANCE AREA. OB -- 3 VANS IN CENTRAL GUIDANCE AREA. [REDACTED]</p>	2106N 10623E	0616	25X1A [REDACTED]	302-A
<p>25X1D HAIPHONG SAM SITE B33-2 25X1D 18.7 NM NW OF HAIPHONG AT 21-07 [REDACTED] 106-30 [REDACTED] E. COMOR [REDACTED] SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED. [REDACTED]</p>	2107N 10630E	0616	25X1A [REDACTED]	109-Z1
<p>25X1A HANOI SAM SITE B07-2 25X1D 18.4 NM ENE OF HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED. [REDACTED]</p>	2108N 10609E	0616	25X1A [REDACTED]	206-G
<p>25X1D HANOI SAM SITE C06A-2 25X1D 27.4 NM NE OF HANOI AT 21-15 [REDACTED] 106-16 [REDACTED] E. COMOR [REDACTED] [REDACTED]</p>	2115N 10616E	0616	25X1A [REDACTED]	238-J

25X1A

25X1C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D SITE CONTAINS 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. OB -- AT LEAST 3 OCCUPIED LAUNCH POSITIONS AND AN OCCUPIED CENTRAL GUIDANCE AREA. [REDACTED]				
25X1D OB -- NONE OBSERVED. [REDACTED]				
25X1D HANOI SAM SITE C07-2 23 NM NNE OF HANOI AT UTM [REDACTED] 25X1A COMOR [REDACTED] SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 2 MISSILE-HOLD POSITIONS IN AN IRREGULAR PATTERN. 25X1D OB -- NONE OBSERVED. [REDACTED]	2116N 10619E	0616	25X1A [REDACTED]	238-G
25X1A HANOI SAM SITE C05-2 21.2 NM NE OF HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. 25X1D OB -- NONE OBSERVED. [REDACTED]	2117N 10605E	0616	25X1A [REDACTED]	206-F
25X1A HANOI SAM SITE C06-2 29 NM NNE OF HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS	2119N 10615E	0616	25X1A [REDACTED]	238-H

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25X1C

CONFIDENTIAL 25X1C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1D AND AN UNREVIEWED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>				
<p>25X1A HANOI SAM SITE C04A-2 25X1D 25.5 NM NE OF HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONSISTS OF 5 REVIEWED LAUNCH POSITIONS AND A REVIEWED CENTRAL GUIDANCE AREA. 25X1D OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>	2120N 10608E	0616	25X1A [REDACTED]	238-I
<p>25X1D HAIPHONG SAM SITE D35-2 25X1D 32.7 NM NNW OF HAIPHONG AT 21-21-[REDACTED] 106-30-[REDACTED] E. 25X1A COMOR [REDACTED] SITE CONSISTS OF 6 REVIEWED LAUNCH POSITIONS AND A REVIEWED CENTRAL GUIDANCE AREA. 25X1D OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>	2121N 10630E	0616	25X1A [REDACTED]	397-E
<p>25X1A HANOI SAM SITE E07-2 25X1D 46.5 NM NE OF HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONSISTS OF 6 REVIEWED LAUNCH POSITIONS, A REVIEWED CENTRAL GUIDANCE AREA, AND 2 MISSILE-HOLD POSITIONS IN A CIRCULAR PATTERN. OB -- NONE OBSERVED.</p>	2122N 10635E	0616	25X1A [REDACTED]	397-D

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D [REDACTED]			25X1A [REDACTED]	397-F
25X1D HAIPHONG SAM SITE D35A-2 32.5 NM NNW OF HAIPHONG AT 21-23- [REDACTED] N 106-34- [REDACTED] E. COMOR [REDACTED] SITE CONTAINS 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED.	2123N 10634E	0616		
25X1D [REDACTED]			25X1A [REDACTED]	211-E
25X1D HANOI SAM SITE C04-2 29.5 NM NNE OF HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA IN FAN CONFIGURATION. OB -- NONE OBSERVED.	2124N 10611E	0616		
25X1D [REDACTED]			25X1A [REDACTED]	211-C
25X1D HANOI SAM SITE D04-2 31.4 NM NE OF HANOI AT UTM [REDACTED] COMOR [REDACTED] SITE CONSISTS OF 5 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. OB -- NONE OBSERVED.	2125N 10612E	0616		
25X1D [REDACTED]			25X1A [REDACTED]	211-D
25X1D HANOI SAM SITE D03-2 30.7 NM NNE OF HANOI AT 21-28- [REDACTED] N	2128N 10607E	0616		

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25X1C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1D</p> <p>106-07-[REDACTED]E.</p> <p>COMOR [REDACTED]</p> <p>SITE CONSISTS OF 5 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA.</p> <p>OB -- 5 OCCUPIED LAUNCH POSITIONS AND AN OCCUPIED CENTRAL GUIDANCE AREA.</p> <p>[REDACTED]</p>				
<p>THANH HOA SAM SITE A19-2</p> <p>7.4 NM SOUTH OF THANH HOA AT 19-41-[REDACTED]N</p> <p>105-46-[REDACTED]E.</p> <p>COMOR [REDACTED]</p> <p>SITE CONSISTS OF 4 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 2 REVETTED MISSILE-HOLD POSITIONS.</p> <p>OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>	1941N 10546E	0617	25X1A [REDACTED]	323-A
<p>THANH HOA SAM SITE B28A-2</p> <p>16.5 NM WEST OF THANH HOA AT 19-50-[REDACTED]N</p> <p>105-29-[REDACTED]E (UTM [REDACTED]).</p> <p>COMOR [REDACTED]</p> <p>SITE CONTAINS 4 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA.</p> <p>AN ACQUISITION RADAR REVETMENT IS LOCATED IMMEDIATELY SOUTH.</p> <p>OB -- NONE OBSERVED.</p> <p>[REDACTED]</p>	1950N 10529E	0617	25X1A [REDACTED]	150-B
<p>AIR INSTALLATIONS</p> <p>YEN BAI SUSPECT AIRFIELD U/C</p> <p>2.3 NM NW OF YEN BAI AT UTM [REDACTED]</p>	2144N 10452E	0616		147-D

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25X1C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1A</p> <p>COMOR [REDACTED]</p> <p>SUSPECT AIRFIELD IN EARLY STAGE OF CONSTRUCTION CONSISTS OF A 6,600 X 600 FT NW/SE AREA OF CONSTRUCTION. THE KARST HILLS IN THIS AREA ARE BEING LEVELED. THE MATERIAL OBTAINED IS BEING USED TO FILL IN VALLEYS BETWEEN THE HILLS AND TO BUILD NEW ROADS. EXCESS MATERIAL IS BEING DUMPED ON A SAND BAR IN THE RED RIVER. ONE 6,000-FT DRAINAGE CANAL IS PARALLEL TO SUSPECT AIRFIELD AND SEVERAL MINOR DRAINAGE CANALS ARE ADJACENT TO THE AREA. AN EXTENSIVE ROAD NETWORK, WITH CONNECTING LINKS TO NUMEROUS NEW STORAGE AREAS, IS UNDER CONSTRUCTION. THE COMPLETED PORTIONS ARE BEING CAMOUFLAGED WITH VEGETATION. AT LEAST 285 NEW STORAGE/SUPPORT BUILDINGS ARE DISPERSED IN TREES AT THE BASE OF THE KARST HILLS.</p> <p>OB -- NONE OBSERVED.</p> <p>ACTIVITY -- AT LEAST 32 PIECES OF CONSTRUCTION EQUIPMENT.</p> <p>[REDACTED]</p>				
<p>HANOI/GIA LAM AIRFIELD</p> <p>2 NM EAST OF HANOI.</p> <p>TWO CONCRETE RUNWAYS ONE 6,550 X 100 FT NNE/SSW, THE OTHER 5,800 X 320 FT NW/SE, BOTH SERVICEABLE.</p> <p>CONSTRUCTION ON THE NNE END OF RUNWAY APPEARS TO BE COMPLETED BRINGING THE TOTAL LENGTH OF EXTENSION TO 1,150 FT AND TOTAL RUNWAY LENGTH TO 6,550 FT. THE 5,800 FT RUNWAY APPEARS TO BE UNDERGOING MINOR REPAIRS.</p>	2102N 10553E	0616	25X1A [REDACTED]	114

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>FACILITIES INCLUDE 1 HANGAR, NUMEROUS SUPPORT BUILDINGS, A WEATHER STATION, POL STORAGE AREA, AND 16 AIRCRAFT REVETMENTS. OB -- 7 CRATE, 5 CAB, 3 COLT, 7 MAX/MOOSE, AND 3 HOUND.</p> <p>25X1D</p> <p>PHUC YEN AIRFIELD 25X1D 5.8 NM ESE OF PHUC YEN AT UTM COMOR 25X1A 9,170 X 200 FT ESE/WWN CONCRETE RUNWAY, SERVICEABLE, WITH 1,200-FT OVERRUN AT EACH END. FACILITIES INCLUDE A PARALLEL TAXIWAY WITH 3 CROSSOVER LINKS, ALERT RAMPS ALONG EACH OF 2 OUTER CROSSOVER LINKS, TWO 1,600-FT PARKING APRONS (1 AT EACH END OF RUNWAY), GCA FACILITIES, ILS SITES, AND MARKER BEACONS. HOUSING/SUPPORT AREA IMMEDIATELY NORTH OF AIRFIELD CONTAINS APPROXIMATELY 50 BARRACKS, 100 STORAGE/SUPPORT BUILDINGS, A CONTROL TOWER, AND AN OPERATIONS BUILDING. AIRCRAFT REVETMENT AREA AT ESE END OF RUNWAY CONTAINS 8 REVETMENTS AND AREA AT WWN END CONTAINS 5 REVETMENTS. APPROXIMATELY 11,000-FT TAXIWAY EXTENDS NORTH FROM RUNWAY TO NEW DISPERSAL AREA CONTAINING 35 AIRCRAFT REVETMENTS. A FIRING-IN BUTT IS NEARING COMPLETION. SECURED POL STORAGE AREA, APPROXIMATELY 5,000 FT NNW OF RUNWAY, WITH LOOP SERVICE ROAD CONTAINS 6 BURIED POL TANKS. AIRFIELD IS RAIL-SERVED. OB -- 5 BEAGLE, 14 FISHBED,</p>	2113N 10548E	0616	25X1A	326-C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>1 PROBABLE FISHBED, AND 38 FAGOT/FRESCO. ACTIVITY -- AT LEAST 53 AIRCRAFT SHIPPING CRATES OBSERVED THROUGHOUT THE AREA. IN THE NORTH DISPERSAL AREA 23 CRATES ARE APPROXIMATELY 10 X 40 FT AND 5 ARE APPROXIMATELY 10 X 30 FT. ELEVEN CRATES IN THE EAST REVETMENT AREA AND 14 CRATES NEAR RUNWAY ARE APPROXIMATELY 10 X 47 FT.</p> <p>████████████████████</p>				
<p>25X1D</p> <p>KEP HA AIRFIELD 3 NM EAST OF KEP HA. 2,550 X 140 FT NE/SW PACKED EARTH RUNWAY, SERVICEABLE. FACILITIES INCLUDE A PARALLEL TAXIWAY, A NEWLY CONSTRUCTED TAXIWAY SSE OF RUNWAY, AND A SUPPORT AREA IMMEDIATELY WEST OF RUNWAY CONTAINING 4 BUILDINGS AND A WEATHER STATION. AN ADDITIONAL SUPPORT AREA APPROXIMATELY 2,000 FT WEST OF RUNWAY CONSISTS OF 7 SUPPORT BUILDINGS ALONG 2 LOOP ROADS. FIFTEEN AIRCRAFT REVETMENTS OBSERVED. OB -- NONE OBSERVED.</p> <p>████████████████████</p>	2123N 10640E	0616	25X1A ██████████	397
<p>25X1D</p> <p>LAD CAI AIRFIELD 1 NM SSE OF LAD CAI. 2,800 X 250 FT NW/SE SOD RUNWAY, SERVICEABLE. FACILITIES INCLUDE 1 SUPPORT BUILDING AND 2 SMALL SHEDS AT NW END OF RUNWAY. OB -- NONE OBSERVED.</p> <p>████████████████████</p>	2229N 10358E	0616	25X1A ██████████	5-A
<p>25X1D</p>				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>VINH AIRFIELD</p> <p>3.5 NM NORTH OF VINH.</p> <p>6,400 X 190 FT N/S LATERITE RUNWAY, UNSERVICEABLE.</p> <p>AIRFIELD SUBJECTED TO AIRSTRIKE. APPROXIMATELY 25 BOMB CRATERS OBSERVED ON AND NEAR NORTH END OF RUNWAY.</p> <p>FACILITIES INCLUDE A PARALLEL TAXIWAY WITH 1 CROSSOVER LINK, 2 ALERT APRONS, A PARKING APRON, 13 AIRCRAFT REVETMENTS, A CONTROL TOWER/OPERATIONS BUILDING, AND SEVERAL MAINTENANCE/SUPPORT BUILDINGS.</p> <p>OB -- NONE OBSERVED.</p>	1843N 10540E	0617	25X1A	128-A
<p>BAI THUONG AIRFIELD</p> <p>5 NM EAST OF BAI THUONG AT UTM</p> <p>6,600 X 200 FT NW/SE RUNWAY UNDER CONSTRUCTION.</p> <p>RUNWAY SUBSURFACING CONTINUES SLOWLY. INITIAL APPLICATION OF THE FINAL RUNWAY SURFACE OBSERVED BEGINNING ON SE END OF RUNWAY. EXTENSIVE DRAINAGE PATTERNS ARE STILL APPARENT.</p> <p>INITIAL GRADING AND FOUNDATION EXCAVATIONS HAVE BEGUN ON TAXIWAY WHICH WILL PARALLEL SOUTH SIDE OF RUNWAY. A CONCRETE DRAINAGE PIPE IS BEING PLACED THROUGH TAXIWAY. TEN AIRCRAFT REVETMENTS (5 ON EACH END) HAVE BEEN CONSTRUCTED AND WILL BE CONNECTED BY TAXIWAY. ANOTHER POSSIBLE REVETMENT IS UNDER CONSTRUCTION ON NW END OF RUNWAY.</p> <p>OB -- NONE OBSERVED.</p> <p>ACTIVITY -- SEVERAL PIECES OF</p>	1954N 10528E	0617	25X1A	150-A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D CONSTRUCTION EQUIPMENT. [REDACTED]				
MILITARY INSTALLATIONS				
25X1D QUI HAU AMMUNITION DEPOT WEST 1.5 NM NW OF QUI HAU AND 1 NM NNE OF HAI HA AT UTM [REDACTED]. DOUBLE-SECURED STORAGE AREA CONTAINS 23 DISPERSED, SEMIREVETTED STORAGE BUILDINGS (6 INTACT AND 17 DESTROYED/DAMAGED). ADDITIONAL FACILITIES CONSIST OF 7 LARGE (3 OUTSIDE FENCED AREA) AND 2 SMALL BUILDINGS (ALL UNDER CONSTRUCTION) AND 3 SMALL SUPPORT BUILDINGS. [REDACTED]	2037N 10514E	0616	25X1A [REDACTED]	283
25X1D HOA BINH ARMY BARRACKS 2.2 NM SSE OF HOA BINH. AREA APPEARS TO BE ABANDONED. ALL BUILDINGS ARE IN A STATE OF DISREPAIR AND ONLY 9 BUILDINGS HAVE ROOFS. A STORAGE AREA IMMEDIATELY EAST AT UTM [REDACTED] CONTAINS 7 BUILDINGS AND IS SERVED BY A WELL-TRAVELED ROAD. [REDACTED]	2047N 10521E	0616	25X1A [REDACTED]	317
25X1D XUAN MAI BKS AND HQ 338 INF BDE SSW 1 NM SW OF XUAN MAI AT UTM [REDACTED]. BARRACKS AREA CONTAINS 33 BARRACKS, 5 ADMINISTRATION, AND 58 SUPPORT BUILDINGS, 1 SA-2 SITE (HANOI SAM SITE C28-2), A SMALL ARMS FIRING RANGE, 3 STRONGPOINTS, 4 FA	2054N 10535E	0616	25X1A [REDACTED]	261

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25X1D

POSITIONS, 9 UNOCCUPIED LIGHT AAA SITES, AND
NUMEROUS VEHICLE/EQUIPMENT REVETMENTS.

25X1D

HANOI MINISTRY OF NAT DEF ARMY & MIL ZONE HQ
CENTER OF HANOI.
WALLED INSTALLATION CONTAINS 41
BARRACKS-TYPE, 41 ADMINISTRATION-TYPE, 48
STORAGE, 16 MAINTENANCE-TYPE, 17 QUARTERS,
AND APPROXIMATELY 90 MISCELLANEOUS BUILDINGS.

25X1D

HANOI ARMY SUPPLY DEPOT NNE
4.5 NM NE OF HANOI RAILROAD CLASSIFICATION
YARD AT UTM

25X1A

WALLED MAIN DEPOT AREA (HANOI ARMY SUPPLY
DEPOT NE THUONG CAT, BE NO
CONSISTS OF AN OPEN STORAGE AREA, 5 LARGE
WAREHOUSES, 6 SMALL VENTILATED BUILDINGS, 2
VEHICLE MAINTENANCE SHEDS, 1 LARGE
TRANSSHIPMENT BUILDING, 39 SUPPORT BUILDINGS,
AND 15 GABLE-ROOF, 5 MONITOR-ROOF, 4 LARGE
PEAKED-ROOF, AND 14 SMALL PEAKED-ROOF STORAGE
BUILDINGS.
A WALLED, RAIL-SERVED POL STORAGE AREA
ADJACENT TO AND NE OF THE MAIN AREA CONTAINS
32 VERTICAL STORAGE TANKS (26 LARGE AND 6
SMALL), 3 LARGE WAREHOUSES, 5 GABLE-ROOF AND
2 MONITOR-ROOF STORAGE BUILDINGS, 1
ADMINISTRATION BUILDING, AND 16 SUPPORT
BUILDINGS UNDER CONSTRUCTION.
A MULTISECTION PONTOON BRIDGE OVER THE
CANAL DES RAPIDS, JUST NORTH OF INSTALLATION
AT UTM HAS 2 SECTIONS IN PLACE
ON EACH BANK AND 16 UNATTACHED PONTOON

25X1D

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
POSITIONS, 9 UNOCCUPIED LIGHT AAA SITES, AND NUMEROUS VEHICLE/EQUIPMENT REVETMENTS.				
HANOI MINISTRY OF NAT DEF ARMY & MIL ZONE HQ CENTER OF HANOI. WALLED INSTALLATION CONTAINS 41 BARRACKS-TYPE, 41 ADMINISTRATION-TYPE, 48 STORAGE, 16 MAINTENANCE-TYPE, 17 QUARTERS, AND APPROXIMATELY 90 MISCELLANEOUS BUILDINGS.	2102N 10550E	0616	25X1A	112-A
HANOI ARMY SUPPLY DEPOT NNE 4.5 NM NE OF HANOI RAILROAD CLASSIFICATION YARD AT UTM WALLED MAIN DEPOT AREA (HANOI ARMY SUPPLY DEPOT NE THUONG CAT, BE NO CONSISTS OF AN OPEN STORAGE AREA, 5 LARGE WAREHOUSES, 6 SMALL VENTILATED BUILDINGS, 2 VEHICLE MAINTENANCE SHEDS, 1 LARGE TRANSSHIPMENT BUILDING, 39 SUPPORT BUILDINGS, AND 15 GABLE-ROOF, 5 MONITOR-ROOF, 4 LARGE PEAKED-ROOF, AND 14 SMALL PEAKED-ROOF STORAGE BUILDINGS. A WALLED, RAIL-SERVED POL STORAGE AREA ADJACENT TO AND NE OF THE MAIN AREA CONTAINS 32 VERTICAL STORAGE TANKS (26 LARGE AND 6 SMALL), 3 LARGE WAREHOUSES, 5 GABLE-ROOF AND 2 MONITOR-ROOF STORAGE BUILDINGS, 1 ADMINISTRATION BUILDING, AND 16 SUPPORT BUILDINGS UNDER CONSTRUCTION. A MULTISECTION PONTOON BRIDGE OVER THE CANAL DES RAPIDS, JUST NORTH OF INSTALLATION AT UTM HAS 2 SECTIONS IN PLACE ON EACH BANK AND 16 UNATTACHED PONTOON	2104N 10553E	0616		114-D

25X1C

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X4D	OB -- 1 PARTIALLY SUBMERGED SWATOW-CLASS PGM. [REDACTED]				
25X1D	BAI DUC THON HIGHWAY CONVOY STAGING AREA AT BAI DUC THON ON ROUTE 12 AT [REDACTED] PREVIOUSLY REPORTED BUILDINGS IN CONVOY STAGING AREA HAVE BEEN RAZED AND ONLY SITES REMAIN. OB -- 10 PROBABLE CARGO TRUCKS. [REDACTED]	1802N 10551E	0617	25X1A [REDACTED]	242-B
25X1D	OB -- NONE OBSERVED. [REDACTED]				
25X1D	VINH MILITARY INSTALLATIONS SIX MILITARY INSTALLATIONS IN VINH AREA. AREA A (IN VINH AT UTM [REDACTED]) -- VINH ARMY BKS CITADEL, BE NO [REDACTED] -- 5 BARRACKS-TYPE, 3 ADMINISTRATION-TYPE, AND 7 OTHER BUILDINGS. NO RECONSTRUCTION OBSERVED. AREA B (0.9 NM NW OF VINH CITADEL AT UTM [REDACTED] VINH HQ MIL REGION IV, BE NO [REDACTED]) -- 11 BARRACKS, 3 ADMINISTRATION, 2 STORAGE, AND 5 OTHER BUILDINGS. NO RECONSTRUCTION OBSERVED. 25X1D AREA C (1.5 NM NW OF VINH AT UTM [REDACTED]) -- VINH ARMY BKS NW, BE NO [REDACTED] -- 6 BARRACKS, 1 ADMINISTRATION, AND 3 SUPPORT BUILDINGS. 25X1D AREA D (1.5 NM EAST OF VINH AT UTM [REDACTED]) VINH ARMY SUPPLY DEPOT EAST, BE NO [REDACTED] [REDACTED] -- 35 DAMAGED BUILDINGS. NO	1840N 10541E	0617		128-B

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>RECONSTRUCTION OBSERVED. 25X1D</p> <p>AREA E (2 NM ENE OF VINH AT UTM [REDACTED] -- 10 BARRACKS-TYPE, 1 PROBABLE ADMINISTRATION, AND 4 OTHER BUILDINGS BEING DISMANTLED. AREA ADJACENT ON NW CONTAINS 1 L-SHAPED MULTISTORY, 1 MULTISTORY PROBABLE ADMINISTRATION, AND 4 BUILDINGS DAMAGED AND/OR BEING DISMANTLED. AREA F (UTM [REDACTED] -- 9 BARRACKS-TYPE (4 SLIGHTLY DAMAGED), 1 MESSHALL, AND 10 SUPPORT BUILDINGS (2 SEVERELY DAMAGED).</p> <p>[REDACTED]</p>				
<p>PHUC LOI NAVAL BASE</p> <p>6.3 NM NE OF VINH AT PHUC LOI AT UTM [REDACTED].</p> <p>FACILITIES INCLUDE 1 T-HEAD PIER, 1 FINGER PIER WITH PONTOON WHARF, 2 MARINE RAILWAYS, 5 REVETTED AMMUNITION STORAGE BUILDINGS, 15 INTACT OR SLIGHTLY DAMAGED BUILDINGS, 7 SEVERELY DAMAGED/DESTROYED BUILDINGS, AND 2 POL STORAGE BUNKERS.</p> <p>[REDACTED]</p>	1844N 10545E	0617	25X1A [REDACTED]	128-M
<p>INDUSTRY</p> <p>THAI NGUYEN IRON AND STEEL COMBINE</p> <p>2 NM SSE OF THAI NGUYEN.</p> <p>CONSTRUCTION CONTINUES ON ROAD- AND RAIL-SERVED IRON AND STEEL PLANT WITH LIMITED PRODUCTION CAPABILITY. COMBINE IS SEGMENTED INTO 6 INTERCONNECTED AREAS AS FOLLOWS --</p> <p>AREA A (ON WESTERN EDGE OF COMBINE) --</p>	2134N 10552E	0616	25X1A [REDACTED]	242-A

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>WAREHOUSE AND TRANSSHIPMENT AREA CONTAINS 20 LARGE M-ROOF WAREHOUSES, NUMEROUS SMALLER BUILDINGS, AND OPEN STORAGE.</p> <p>AREA B (IN SW SECTION OF COMBINE) -- ORE CONCENTRATION AREA CONTAINS 1 LARGE MONITOR-ROOF FURNACE BUILDING WITH 2 STACKS AND 6 MEDIUM ORE PREPARATION BUILDINGS CONNECTED BY CONVEYORS, APPROXIMATELY 5 SMALL BUILDINGS, AND OPEN PROBABLE ORE STORAGE. A CAR AND LOCOMOTIVE REPAIR FACILITY IMMEDIATELY SOUTH ON SOUTH EDGE OF COMBINE CONTAINS 3 LARGE BUILDINGS (2 MONITOR-ROOF).</p> <p>AREA C (IN SOUTH CENTRAL SECTION OF COMBINE) -- FORGE, FOUNDRY, AND MACHINE SHOP AREA CONTAINS 9 BUILDINGS (3 MONITOR-ROOF). AN ADMINISTRATION AREA IMMEDIATELY SOUTH ON SOUTH EDGE OF COMBINE CONTAINS 3 LARGE MULTISTORY MULTIING BUILDINGS AND 10 OTHER BUILDINGS. A LARGE PROBABLE SUPPORT AREA IN EARLY STAGE OF CONSTRUCTION IS IMMEDIATELY NORTH.</p> <p>AREA D (ON EAST EDGE OF COMBINE) -- ROLLING MILL AREA IN EARLY STAGE OF DEVELOPMENT CONTAINS 1 LARGE ROLLING MILL UNDER CONSTRUCTION AND APPROXIMATELY 15 OTHER BUILDINGS.</p> <p>AREA E (ON NE EDGE OF COMBINE) -- BLAST FURNACE/OPEN HEARTH AREA CONTAINS 1 LARGE OPEN HEARTH FURNACE BUILDING WITH 2 SMOKE STACKS, 1 LARGE STEAMPLANT, 1 LARGE STRIPPING AND INGOT STORAGE BUILDING, 3 BLAST FURNACES, AND APPROXIMATELY 20 OTHER BUILDINGS.</p> <p>AREA F (IN NORTH CENTRAL SECTION OF COMBINE) -- COAL AND LIMESTONE PREPARATION AREA CONTAINS A LARGE OPEN COAL STORAGE</p>				

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
PORTS AND HARBORS			25X1A	
HANOI PORT FACILITIES	2101N 10551E	0616	25X1A	112-S
ON WEST BANK OF THE RED RIVER AT UTM				
FACILITIES CONSIST OF 1 OFFSHORE WHARF				
WITH OVERHEAD CRANE AND NUMEROUS SMALL				
COALING PIERS NEARBY. NO MAJOR TRANSSHIPMENT				
ACTIVITY OBSERVED.				
VESSELS -- NUMEROUS SMALL CRAFT.				
BEN THUY PORT FACILITIES	1839N 10542E	0617	25X1A	128-D
2.2 NM SSE OF VINH ON WEST BANK OF				
SONG CA (RIVER) AT UTM				
COMPLEX CONTAINS 4 STORAGE AREAS WITH				
APPROXIMATELY 25 STORAGE BUILDINGS, A LARGE				
SAWMILL, AN OFFSHORE WHARF, AND 1 WAREHOUSE				
PARTIALLY DESTROYED BY AIR STRIKE. THE				
THERMAL POWERPLANT AND RECONSTRUCTED RAIL				
SPUR HAVE BEEN SUBJECTED TO AIR STRIKE AND				
ARE UNSERVICEABLE.				
VESSELS -- 1 CAPSIZED COASTAL FREIGHTER				
AT OFFSHORE WHARF.				
STORAGE			25X1A	
VINH PETROLEUM PRODUCTS STORAGE	1840N 10543E	0617	25X1A	128-E
3 NM EAST OF VINH AT UTM				
WALLED AREA CONTAINS 1 HEAVILY DAMAGED				
LARGE TANK, 1 PROBABLY DAMAGED MEDIUM				
TANK, 6 HEAVILY DAMAGED SMALL TANKS, 3				
UNDERGROUND TANKS, 5 HORIZONTAL TANKS, AND				

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	APPROXIMATELY 10 SUPPORT BUILDINGS. [REDACTED]				
25X1D	URBAN COMPLEXES				
25X1A	HANOI COMPLEX ROAD-, RAIL-, AND RIVER-SERVED INDUSTRIAL COMPLEX CONTAINS NUMEROUS LIGHT INDUSTRIES AND LIMITED PORT FACILITIES (HANOI PORT FACILITIES, BE NO [REDACTED]). SEVERAL MILITARY INSTALLATIONS WITH NUMEROUS BARRACKS AND SUPPORT FACILITIES OBSERVED.	2101N 10551E	0616	25X1A [REDACTED]	112
25X1D	[REDACTED] 25X1D				
25X1D	THAI NGUYEN COMPLEX COMPLEX, APPROXIMATELY 1 SQ MI IN AREA, ON THE KAU RIVER CONTAINS NO MAJOR OR MINOR INDUSTRIES. LIGHT BOMB DAMAGE OBSERVED AT SOUTH END OF BRIDGE. [REDACTED]	2135N 10551E	0616	25X1A [REDACTED]	242
25X1A	BAC GIANG COMPLEX COMPLEX, 0.8 SQ MI IN AREA, A COMMERCIAL CENTER ON THE HANOI/LANG SON RAIL LINE, COMPRISES A RAILROAD CLASSIFICATION YARD (BAC GIANG RAILROAD YARD AND SHOPS, BE NO [REDACTED] 1,600-FT LONG AND 4 TRACKS WIDE, SEVERAL SMALL INDUSTRIES, MILITARY BARRACKS, AND POL STORAGE (BAC GIANG PETROLEUM PRODUCTS STORAGE, BE NO [REDACTED] AT SOUTH EDGE OF COMPLEX. CONSTRUCTION CONTINUES ON CHEMICAL FERTILIZER PLANT (BAC GIANG PHOSPHATE FERTILIZER PLANT, BE NO [REDACTED] 2 NM	2117N 10612E	0616	25X1A [REDACTED]	238

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NO FOREIGN DISSEM [REDACTED]

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>25X1D NORTH OF BAC GIANG.</p> <p>[REDACTED]</p> <p>LAO CAI COMPLEX</p> <p>COMPLEX CONTAINS LIGHT INDUSTRY, A MILITARY BARRACKS AND STORAGE AREA, AND A CLASSIFICATION YARD, 1,800-FT LONG AND 8 TRACKS WIDE. ROUTE 4 HEADING SE AND UNNUMBERED ROUTE LEADING NE SHOW ROAD IMPROVEMENT ACTIVITY.</p> <p>25X1D [REDACTED]</p>	2231N 10359E	0616	25X1A [REDACTED]	5

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NO FOREIGN DISSEM [REDACTED]

Approved For Release 2000/04/17 : CIA-RDP78B04566A000400010054-0

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APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target number 0468-15-A and an NPIC target number 0467-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

COMOR target numbers, when available, are listed directly above the photo reference data.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear), SC (scattered cloud cover), H (haze), CS (cloud shadow), HC (heavy cloud cover), SD (semidarkness), S (snow), O (obliquity), GC (ground cover), CF (camouflage), and GR (ground resolution).

Interpretability of the photography is categorized as G (good), F (fair), or P (poor).

Target coverage is denoted by the symbols T (total) or PT (partial).

The mode of coverage is indicated by ST (stereo), NS (nonstereo), or PS (partial stereo).

[illegible]

[illegible]